

#25

MAY 20 2003

PATENT & TRADEMARK OFFICE

**REQUEST  
FOR  
CONTINUED EXAMINATION (RCE)  
TRANSMITTAL**

**MAIL STOP RCE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000,  
provides for continued examination of an utility or  
plant application filed on or after June 8, 1995

Application Number	09/534,196
Confirmation Number	2963
Filing Date	March 24, 2000
First Named Inventor	Christian DUJARRIC
Group Art Unit	3746
Examiner Name	M. Koczo, Jr.
Matter Number	Q58472
Title	ROCKET ENGINE NOZZLE COMPRISING A JET SEPARATION CONTROL SYSTEM

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

**1. SUBMISSION REQUIRED UNDER 37 C.F.R. § 1.114**

**RECEIVED**

- a.  Previously submitted
  - i.  Please enter and consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on \_\_\_\_\_
  - ii.  Consider the arguments in the Appeal Brief or Reply Brief previously filed on TECHNOLOGY CENTER P3700
  - iii.  Other \_\_\_\_\_
- b.  Enclosed
  - i.  Amendment/Reply (PRELIMINARY AMENDMENT)
  - ii.  Affidavit(s)/Declaration(s)
  - iii.  Information Disclosure Statements (IDS)
  - iv.  Petition for Extension of Time
  - v.  Other Request for an Examiner Interview

**2. MISCELLANEOUS**

- a.  Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_\_\_ months
- b.  Other \_\_\_\_\_

**3. FEES**

A check for the RCE statutory fee of \$750.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

**CORRESPONDENCE ADDRESS**

*Direct all correspondence to the address for SUGHRUE MION, PLLC filed under the Customer Number listed below:*



23373

PATENT TRADEMARK OFFICE

**SIGNATURE OF ATTORNEY**

Name	Mainak H. Mehta	Registration No.	46,924
Signature		Date	May 20, 2003



26/E  
AS  
5-29-03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q58472

Christian DUJARRIC

Appln. No.: 09/534,196

Confirmation No.: 2963

Filed: March 24, 2000

For: ROCKET ENGINE NOZZLE COMPRISING A JET SEPARATION CONTROL SYSTEM

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MAY 27 2003

TECHNOLOGY CENTER R3700

Group Art Unit: 3746

Examiner: M. Koczo, Jr.

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please enter the following amended claims:

*Sub F1* 2. (Four times amended) A rocket engine as claimed in claim 14, wherein the separation triggering elements comprise:

*E1* injection orifices positioned for injecting fluid through a wall of the nozzle body; and at least two independent injection orifices being distributed over the perimeter of the wall of the nozzle body, each of the injection orifices constituting a discrete separation triggering element that induces a distinct zone of jet separation.

3. (Three Times Amended) A rocket engine as claimed in claim 2, wherein the injection orifices are uniformly distributed over the perimeter of the wall of the nozzle body.